

This listing of claims will replace all prior versions, and listings, of claims in the Application:

**Listing of Claims:**

Claims 1-6 (Cancelled)

Claim 8 (New): A method of perforating a well that extends into a surrounding formation, the method comprising the steps of:

permanently installing a casing in the well, a portion of the casing comprising an inner pipe, an outer pipe, and two end subs disposed at each end portion of the inner and outer pipes;

wherein the inner pipe, outer pipe, and end subs define an integrated annular space that encloses a well stimulating medium, the well stimulated medium having a pressure that is lower than the pressure of the surrounding formation; and

perforating the inner pipe and outer pipe to form a communication pathway between the integrated annular space and the surrounding formation and such that the pressure differential between the well stimulating medium and the surrounding formation causes the removal of perforating debris from the communication pathway.

Claim 9 (New): A method of communicating a well stimulating medium contained in an annular space integrated in a portion of a casing permanently installed in a well, the annular space being defined by an inner pipe, an outer pipe and two end subs disposed at each end portion of said inner pipe and outer pipe, wherein the well stimulating medium is communicated with a formation surrounding the casing by simultaneous perforation of said inner pipe and outer pipe.

Claim 10: (New) The method according to claim 9, wherein the annular space is filled with a fluid having a pressure substantially lower than the pressure in the formation

surrounding the casing, whereby parts of the perforating debris will flow from the formation and into the perforated annular space.

Claim 11 (New): The method according to claim 9, wherein the well stimulating medium comprises a vacuum, whereby parts of the perforating debris will be sucked into the perforated annular space upon perforating said annular space.

Claim 12 (New): A casing permanently installed in a well, a portion of the casing comprising an inner pipe, an outer pipe and two end subs disposed at each end portion of said inner pipe and outer pipe, the inner pipe, outer pipe and end subs defining an integrated annular space comprising a well stimulating medium, wherein the well stimulating medium is a fluid having a pressure substantially lower than the pressure in the formation surrounding the annular space, and wherein annular space is capable of being perforated simultaneously.

Claim 13 (New): The casing according to claim 12, wherein the well stimulating medium comprises a vacuum.

Claim 14 (New): A casing permanently installed in a well, a portion of the casing comprising an inner pipe, an outer pipe and two end subs disposed at each end portion of said inner pipe and outer pipe, the inner pipe, outer pipe and end subs defining an integrated annular space comprising a well stimulating medium, wherein the annular space is capable of being perforated simultaneously, and wherein the well stimulating medium is a solid material capable of being transformed into gas when the annular space is perforated.